



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C12N 9/12, 1/20, 5/00, 15/00, C12Q 1/68, C07H 21/04, A61K 38/51		A1	(11) International Publication Number: WO 99/66030 (43) International Publication Date: 23 December 1999 (23.12.99)
(21) International Application Number: PCT/US99/13411		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 15 June 1999 (15.06.99)		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(30) Priority Data: 60/089,294 15 June 1998 (15.06.98) US			
(71) Applicant (for all designated States except US): YEDA RESEARCH AND DEVELOPMENT COMPANY LTD. [IL/IL]; P.O. Box 96, 76100 Rehovot (IL).			
(71) Applicant (for SD only): MCINNIS, Patricia, A. [US/US]; Apartment #203, 2325 42nd Street N.W., Washington, DC 20007 (US).			
(72) Inventor; and (75) Inventor/Applicant (for US only): KIMCHI, Adi [IL/IL]; 38 Hashalom Street, 43561 Raanana (IL).			
(74) Agent: BROWDY, Roger, L.; Browdy and Neimark, P.L.L.C., Suite 300, 419 Seventh Street N.W., Washington, DC 20004 (US).			
(54) Title: DAP-KINASE RELATED PROTEIN			
(57) Abstract			
<p>A new protein, which is a novel homologue of DAP-kinase, has been isolated. This novel calmodulin-dependent kinase is a cell death-promoting protein functioning in the biochemical pathway which involves DAP (death-associated protein)-kinase (e.g., forming a cascade of sequential kinases, one directly activating the other). Alternatively, the two kinases may operate to promote cell death in parallel pathways.</p>			